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# ARS Annual Awards *Ceremony*

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June 13, 1990  
National Arboretum  
Washington, D.C.





# ARS Annual Awards Ceremony

U.S. Department of Agriculture

June 13, 1990

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# Science Hall of Fame Awards

This program recognizes one or more outstanding ARS scientists who have retired, or are eligible to retire, who have made a major impact on agricultural research and are still professionally active.

## **Theodore C. Byerly**

*For extraordinary intellectual contributions as a scientist, research leader, and administrator of scientific programs of major importance to agriculture*

## **Gordon E. Dickerson**

*For research contributions used widely by livestock breeders to increase production efficiency of beef and dairy cattle, swine, sheep, and poultry*

## **Robert W. Holley**

*For isolation and characterization, including the first nucleotide sequence, of transfer ribonucleic acid (tRNA)*

## **Virgil A. Johnson**

*For outstanding contributions to development of superior bread wheat cultivars and improved germplasm and vigorous promotion of national and international cooperation among wheat breeders*

## **George F. Sprague**

*For research, vision, and leadership which contributed to the implementation of effective methods of hybrid corn breeding and germplasm improvement*



# Department Honor Awards

## Distinguished Service

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**Henry M. Cathey**  
**Washington, D.C.**

*For extraordinary leadership guiding the U.S. National Arboretum to new preeminent levels of national and international prestige*

**Landis W. Doner**  
**Philadelphia, Pennsylvania**

*For developing sensitive methods for detecting adulteration of foods such as honey, and orange, apple, and other fruit juices based on natural variations in ratios of stable isotopes of carbon, hydrogen and oxygen*

**Herman J. Gorz**  
**Lincoln, Nebraska**

*For innovative research on genetics and breeding to improve clovers and forage grasses in the United States and internationally, and excellence in research and professional leadership*

**Charles J. Hearn**  
**Orlando, Florida**

*For remarkable accomplishments in citrus improvement in the U.S. by providing growers and processors with superior and more profitable varieties of oranges, grapefruit, and tangerines*

## Superior Service

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**Evelyn Baumann**  
**Greenbelt, Maryland**

*For outstanding contributions to ARS in creative and innovative awards program management*

**J. J. Callis Boat Crew**  
**Plum Island, New York**

**Michael J. Norkelun, Jr.--Captain**

**Edward C. Hassildine**

**Alfred B. Parks**

**James A. House**

**Carol A. House**

*For exhibiting courage, skill, and a high degree of professionalism in effecting a sea rescue which resulted in the saving of 10 lives*

**Germplasm Resources Information Network**  
**Database Management Unit**  
**Beltsville, Maryland**

**Jimmie D. Mowder—Group Leader**

**Erick R. Abadie**

**John A. Belt**

**Edward M. Bird**

**Mark A. Bohning**

**Kurt F. Endress**

**Leonard L. Jansen**

**Gail A. Juvik**

**Daniel A. Niffenegger**

**Krzysztof Obrebski**

**Robin Selvage**

**Quinn P. Sinnott**

*For effectively designing and implementing a computerized information system that significantly improved the management and use of the U.S. National Plant Germplasm System*



## Water Erosion Prediction Project Core Team

Leonard J. Lane—Group Leader

Edward E. Alberts

Edward R. Burroughs, Jr.

George R. Foster

Haskell D. Fox

John E. Gilley

Charles S. Holzhey

John M. Laflen

Vicente L. Lopes

Donald K. McCool

Norman Miller

Mark A. Nearing

Arlin D. Nicks

John O. Nordin

Waite R. Osterkamp

Walter J. Rawls

David L. Schertz

John R. Simanton

Glenn A. Weesies

Larry T. West

George D. Wingate

Mark A. Weltz

Robert A. Young

*For outstanding research, innovation, and teamwork in  
designing, producing, and transferring a new generation  
of erosion prediction technology to user agencies*

# Major Non-USDA Awards

## Arthur S. Flemming Award

This award, sponsored by the Downtown Jaycees of Washington, DC, annually honors 10 outstanding young men and women in the Federal Government—5 in the scientific or technical field and 5 in the administrative management field.

**Marva J. Nesbit**  
**Washington, D.C.**

*For dedicated community and Federal service and outstanding leadership and achievement in civil rights/equal employment opportunity program planning and implementation*

**Ralph Scorza**  
**Kearneysville, West Virginia**

*For exceptionally creative and useful research and leadership in the area of stone fruit breeding and genetics*

## North American Seed Potato Researcher of the Year

This award is sponsored by the National Potato Council.

**Joseph J. Pavsek**  
**Aberdeen, Idaho**

*For outstanding work as a potato researcher*



## **Federal Engineer of the Year**

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The Federal Engineer of the Year Award Program recognizes the accomplishments of engineers who serve the Federal Government. Sponsored by the National Society of Professional Engineers, one engineer from each Federal agency is recognized as the Engineer of the Year. This year the ARS Engineer of the Year was chosen to receive the Founders Gold Medal as the Federal Engineer of the Year.

**Richard G. Koegel**  
**Madison, Wisconsin**

*For leadership in developing technology to reduce the losses which occur with current forage harvesting techniques*

## **Women in Science and Engineering (WISE) Achievement Award**

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This award, sponsored by the National Science Foundation, recognizes the scientific and technical contributions by a woman scientist or engineer in the Federal service.

**Janice M. Miller**  
**Ames, Iowa**

*For sustained leadership in research on diseases of farm animals and serving as a role model for women considering careers in science*

# ARS Take Pride in America (TPIA) Awards

This program recognizes employees who have participated in the Take Pride in America Program by outstanding stewardship actions or awareness efforts involving the protection and wise use of our natural and cultural resources.

## *For Outstanding Contributions*

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The U.S. National Arboretum  
Washington, DC  
Accepting: Henry M. Cathey

*For assisting with the restoration, preservation, and presentation of the National Capital Columns on the grounds of the Arboretum*

The Water Quality and Watershed  
Research Laboratory  
Durant, Oklahoma  
Accepting: Betty Morrison

*For organizing a month long Take Pride in America community awareness project in Durant*

## *For Exemplary Contributions*

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The Forage and Livestock Research Laboratory  
El Reno, Oklahoma  
Accepting: William A. Phillips

*For assisting in the restoration of an 1800's Military Fort at El Reno and for participating in the reenactment of the history of that time*



**The Veterinary Toxicology and  
Entomology Laboratory**

**and**

**The Southern Crops Research Laboratory  
College Station, Texas  
Accepting: John L. Goodenough**

*For maintaining, enhancing, and beautifying the grounds  
of the ARS facility at College Station*

**James A. Webster  
Stillwater, Oklahoma**

*For dedication and commitment to the Take Pride in America  
Program in the Agricultural Research Service*

# ARS Technology Transfer Awards

The Technology Transfer Awards Program was initiated to recognize individuals who have done outstanding work in transferring technology to outside users.

## *For Outstanding Contributions*

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**John A. Replogle**  
**Phoenix, Arizona**

*For effective and continuing technology transfer of canal flow metering methodology to improve the management of irrigated agriculture*

## **Kenaf Fibers Research Team**

**Marvin O. Bagby**  
**Peoria, Illinois**

**Daniel E. Kugler**  
**Washington, DC**

*For successfully transferring technology for producing newspaper from an annually renewable plant source--kenaf--resulting in a new crop for farmers and new industrial opportunities*

## *For Significant Contributions*

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**Michael F. Kozempel**  
**Philadelphia, Pennsylvania**

*For outstanding contributions in developing and transferring to industry simulation models for improving product quality and increasing the efficiency of complex food processing operations*



**Polytherm Research Team**  
**New Orleans, Louisiana**

**Tyrone L. Vigo**

**Joseph S. Bruno**

*For effective international dissemination of the process for incorporating crosslinked polyols into textile products that have several improved functional properties to industry and research organizations*

**Michael D. Ruff**  
**Beltsville, Maryland**

*For transfer of technology by cooperative ARS/industry research that has markedly advanced the potential for control of avian coccidiosis*

**Frank Scholnick**  
**Philadelphia, Pennsylvania**

*For outstanding achievement in developing leather finishing by radiation-curing to a feasible commercial process and in transferring that technology both to the leather and the radiation-curing industries*

**Swarm Trap Technology Team**  
**Tucson, Arizona**

**Justin O. Schmidt**

**Steven C. Thoenes**

*For development of an effective honey bee swarm trap for capturing swarms for addition to apiaries, and for regulator survey and control of Africanized bees*

# Talcott W. Edminster Award for Most Outstanding Research Associate Proposal

The Research Associate Program, implemented during the time Mr. Edminster was Administrator of ARS, provides scientists and engineers the opportunity to develop proposals for priority research and to recruit scientists and engineers of unusual ability to conduct the research. The most outstanding proposal each year receives the Edminster Award, and the Research Associate selected to conduct the research is named the Talcott W. Edminster Research Associate.

A proposal to conduct research on the use of parasite bacteria to eliminate salmonella in meat, submitted by:

**Dr. Richard C. Whiting, Microbial Food Safety  
Research Unit,  
Eastern Regional Research Center,**

was the winner for 1989.

**Dr. LeeAnne Jackson**

was selected to work on this project and has been named the Talcott W. Edminster Research Associate.



# Career Service Certificates

## For 40 Years of Federal Service

Arthur I. Morgan  
National Program Staff

## For 30 Years of Federal Service

Marcellus T. Arnold  
Financial Management  
Division

Jean J. Collins  
National Program Staff

Roger J. Collins  
Contracting & Assistance  
Division

John M. Ewing  
Personnel Division

Robert M. Faust  
National Program Staff

Roger J. Gerrits  
National Program Staff

Margaret C. Johnson-Greene  
EEO Staff

Allan L. Lundberg  
General Services Division

James K. Lynch  
Personnel Division

Roger O. Moore  
Personnel Division

Julia A. Murchison  
Personnel Division

Norman L. Rounds  
General Services  
Division

Carlene M. Russ  
Personnel Division

Yvonne T. Steward  
Personnel Division

Carminetta A. Verner  
Financial Manage-  
ment Division



# Administrator's Council

R.D. Plowman, Administrator

Mary E. Carter

William H. Tallent

Edward B. Knipling

Waldemar Klassen

Robert R. Oltjen

Thomas J. Clark

Thomas J. Army

William G. Chace, Jr.

Ernest L. Corley

Essex E. Finney, Jr.

Floyd P. Horn

K. Darwin Murrell

Paul A. Putnam

Herbert L. Rothbart







